

[illegible]

A catheter having a catheter shaft and a medical balloon mounted thereon. The medical balloon having a non-inflated state and being inflatable to an inflated state. The medical balloon having a stent mounting region, with a stent being disposed about at least a portion of the stent mounting region. The stent mounting region having a middle portion, a first end portion adjacent to the middle portion and a second end portion adjacent to the middle portion. The middle portion having a middle portion diameter, the first end portion having a first end portion diameter, the second end portion having a second end portion diameter. In the non-inflated state the middle portion diameter being different from the first end portion diameter and the second end portion diameter, in the inflated state the middle portion diameter being substantially the same as the first end portion diameter and the second end portion diameter.

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